AMENDMENT UNDER 37 C.F.R. § 1.114(c) Attorney Docket No.: A8520 IBM Ref. No. STL000017US1

Appln. No.: 09/488,969

## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

## LISTING OF CLAIMS:

(currently amended): A computer-implemented method for providing prerequisite 1. checking in a system for creating compilations from a plurality of content objects stored in a data repository, each content object comprising a plurality of content entities, some of the content entities being prerequisites to others of the content entities, comprising the steps of:

upon addition or removal of a content entity to or from the compilation, determining if the content entity has any prerequisite content entities, and if so, adding or removing the prerequisite content entities,

wherein said content entity comprises information to be published.

- (previously presented): The computer-implemented method of claim 1, wherein 2. one or more of the prerequisites are conditional.
- 3. (previously presented): The computer-implemented method of claim 1, wherein the conditions for applying a prerequisite are defined in one or more rules.
- (previously presented): The computer-implemented method of claim 3, in the case 4. of more than one rules pertaining to the same prerequisite, further comprising the step of reducing the rule set if possible into a smaller set of rules.
- 5. (previously presented): The computer-implemented method of claim 3, further comprising the step of rewriting any negative rules as positive rules.

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6. (previously presented): A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform method steps for providing prerequisite checking in a system for creating compilations from a plurality of content objects stored in a data repository, each content object comprising a plurality of content entities, some of the content entities being prerequisites to others of the content entities, comprising the steps of:

upon addition or removal of a content entity to or from the compilation, determining if the content entity has any prerequisite content entities, and if so, adding or removing the prerequisite content entities

wherein said content entity comprises information to be published.

- 7. (original): The method of claim 6, wherein one or more of the prerequisites are conditional.
- 8. (original): The method of claim 6, wherein the conditions for applying a prerequisite are defined in one or more rules.
- 9. (original): The method of claim 8, in the case of more than one rules pertaining to the same prerequisite, further comprising the step of reducing the rule set if possible into a smaller set of rules.
- 10. (original): The method of claim 8, further comprising the step of rewriting any negative rules as positive rules.
- 11. (previously presented): A system for providing prerequisite checking in a system for creating compilations from a plurality of content objects stored in a data repository, each

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content object comprising a plurality of content entities, some of the content entities being prerequisites to others of the content entities, comprising:

means for determining, upon addition or removal of a content entity to or from the compilation, if the content entity has any prerequisite content entities, and if so, adding or removing the prerequisite content entities

wherein said content entity comprises information to be published.

- 12. (original): The system of claim 11, wherein one or more of the prerequisites are conditional.
- 13. (original): The system of claim 11, wherein the conditions for applying a prerequisite are defined in one or more rules.
- 14. (original): The system of claim 13, further comprising means for reducing the rule set if possible into a smaller set of rules in the case of more than one rules pertaining to the same prerequisite.
- 15. (original): The system of claim 13, further comprising means for rewriting any negative rules as positive rules.